

CIRCUIT FOR REGULATION AND MEASUREMENT OF SPECIMEN TEMPERATURE FOR CIRCULATING THERMOSTAT OF NUCLEAR MAGNETIC RESONANCE SPECTROMETER.

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Abstract

A circuit for setting and regulating specimen temperature in NMR spectrometers based on a full-wave rectifier and a thermocouple sensor is described. Temperature fluctuations do not exceed 0.2 degree K in the range of 473-123 degree K.
